



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of:
Lonnie Bassett

Serial No.: 09/704,260

Confirmation No.: 3372

Filed: November 1, 2000

For: CONTROLLER SYSTEM FOR
DOWNHOLE APPLICATIONS

MAIL STOP AMENDMENTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Group Art Unit: 2125

Examiner: Kidest Bahta

Customer No. 36735

CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 27 Dec, 2004.

William B. Patterson
Typed Name

Signature

Dear Sir:

RESPONSE TO OFFICE ACTION DATED SEPTEMBER 30, 2004

In response to the Office Action dated September 30, 2004, having a shortened statutory period for response set to expire on December 30, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0096/WBP, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Specification begin on page 2 of this paper. **Amendments to the Drawings** begin on page 3 of this paper and include an attached replacement sheet. **Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper. **Remarks/Arguments** begin on page 11 of this paper.